

PTO/SB/21 (08-03)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Application Number	10/629,247
Filing Date	07/29/2003
First Named Inventor	R.E. Bare
Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	P2003J066

Total Number of Pages in This Submission

**ENCLOSURES (Check all that apply)**

- |  |  |  |
|--|--|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input checked="" type="checkbox"/> Information Disclosure Statement<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Response to Missing Parts/<br>Incomplete Application<br><input type="checkbox"/> Response to Missing Parts<br>under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a<br>Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation<br>Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance communication<br>to Technology Center (TC)<br><input type="checkbox"/> Appeal Communication to Board<br>of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to TC<br>(Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input type="checkbox"/> Other Enclosure(s) (please<br>Identify below): |
|--|--|--|

Remarks

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	Michael J. Mlotkowski Roberts, Mlotkowski & Hobbes
Signature	<i>Michael J. Mlotkowski</i>
Date	December 17, 2003

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name

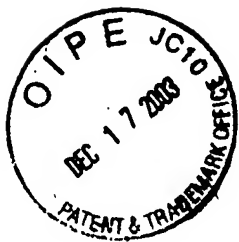
Signature

Date

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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The PTO did not receive the following  
listed items(s) The Fee Transmittal  
Form.



Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:	)	
R. E. Bare et al.	)	Examiner: Unknown
Serial No.: 10/629,247	)	Group Art Unit: Unknown
Filed: July 29, 2003	)	
For: PERIODIC AERATION IN AN	)	
ACTIVATED SLUDGE REACTOR FOR	)	
WASTEWATER TREATMENT	)	

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents and Trademarks  
Washington, D.C. 20231

Sir:

Pursuant to the duty of disclosure set forth in 37 C.F.R. § 1.56 and in accordance with the provisions of 37 C.F.R. §§ 1.97 and 1.98, Applicants hereby submit the following documents for the Examiner's consideration:

U.S. Patent No. 4,458,066

U.S. Patent No. 4,655,925 which is discussed in the application beginning at page 4, [0010]

U.S. Patent No. 4,663,044 which is discussed in the application beginning at page 4, [0010]

U.S. Patent No. 4,917,805 which is discussed in the application beginning at page 4, [0010]

U.S. Patent No. 5,226,200 which is discussed in the application beginning at page 4, [0010]

U.S. Patent No. 5,503,748

U.S. Patent No. 5,512,140

U.S. Patent No. 5,540,839

U.S. Patent No. 5,582,734

U.S. Patent No. 5,611,927

U.S. Patent No. 5,624,562

U.S. Patent No. 5,624,563

U.S. Patent No. 5,624,565

U.S. Patent No. 5,651,891

U.S. Patent No. 5,776,344 which is discussed in the application beginning at page 4, [0009]

U.S. Patent No. 5,863,435 which is discussed in the application beginning at page 2, [0006]

U.S. Patent No. 5,888,394

U.S. Patent No. 5,908,554

U.S. Patent No. 5,989,428

U.S. Patent No. 6,113,787 which is discussed in the application beginning at page 3, [0007]

U.S. Patent No. 6,210,578

U.S. Patent No. 6,290,849

U.S. Patent No. 6,319,407

U.S. Patent No. 6,332,978

U.S. Patent No. 6,383,389

U.S. Patent No. 6,426,004 which is discussed in the application beginning at page 3, [0008]

A copy of the above noted documents is enclosed, as is a completed copy of the PTO-1449 Form listing the documents. Accordingly, the Examiner is respectfully requested to consider the documents and to indicate such consideration by returning a signed and initialed copy of the PTO-1449 Form with the first Official communication.

If there should be any questions, the Examiner is invited to contact the undersigned at the telephone number listed below.

Respectfully submitted,


A handwritten signature in cursive script, appearing to read "Michael J. Mlotkowski".

Michael J. Mlotkowski  
Reg. No. 33,020  
Attorney for the Applicants  
703-584-3275

*December 17, 2003*

Michael J. Mlotkowski  
Roberts, Mlotkowski & Hobbes, PC  
8270 Greensboro Drive  
Suite 850  
McLean, VA 22102

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**Complete if Known**

<b>Application Number</b>	10/629,247
<b>Filing Date</b>	07/29/2003
<b>First Named Inventor</b>	R. E. Bare et al.
<b>Group Art Unit</b>	Unknown
<b>Examiner Name</b>	Unknown
<b>Attorney Docket Number</b>	P2003J066

*(use as many sheets as necessary)*

Sheet 1 of 3

U.S. PATENT DOCUMENT						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	A	4,458,066		Caruthers et al.	07/03/1984	
	B	4,655,925		Tabata et al.	04/07/1987	
	C	4,663,044		Goronszy	05/05/1987	
	D	4,917,805		Reid	04/17/1990	
	E	5,226,200		Reid	11/30/1993	
	F	5,503,748		Merchuk et al.	04/02/1996	
	G	5,512,140		Rutan	04/30/1996	
	H	5,540,839		Pirt	07/30/1996	
	I	5,582,734		Coleman et al.	12/10/1996	
	J	5,611,927		Schmid	03/18/1997	
	K	5,624,562		Scroggins	04/29/1997	
	L	5,624,563		Hawkins	04/29/1997	
	M	5,624,565		Lefevre et al.	04/29/1997	
	N	5,651,891		Molof et al.	07/29/1997	
	O	5,776,344		McCarty et al.	07/07/1998	
	P	5,863,435		Heijnen et al.	01/26/1999	
	Q	5,888,394		Jan	03/30/1999	
	R	5,908,554		Tholander et al.	06/01/1999	
	S	5,989,428		Goronszy	11/23/1999	
	T	6,113,787		Czermak et al.	09/05/2000	

[illegible]

Date Considered

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

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DEC 17 2003  
PATENT & TRADEMARK OFFICE

**Complete if Known**

<b>Application Number</b>	10/629,247
<b>Filing Date</b>	07/29/2003
<b>First Named Inventor</b>	R. E. Bare et al.
<b>Group Art Unit</b>	Unknown
<b>Examiner Name</b>	Unknown
<b>Attorney Docket Number</b>	P20031066

*(use as many sheets as necessary)*

Sheet 2 of 3

[illegible][illegible]Date  
Considered

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet | 3

3

of 3

3

Attorney Docket Number

P2003J066

**Complet if Kn wn**

Application Number	10/629,247
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<b>Filing Date</b>	07/29/2003
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First Named Inventor	R. E. Bare et al.
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Group Art Unit	Unknown
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Examiner Name	Unknown
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Attorney Docket Number P2003J066

#### OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

[illegible]

**Examiner  
Signature**

Date \_\_\_\_\_  
Consider d \_\_\_\_\_

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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